

CLAIMS

What is claimed is:

- 5 1. A seating bracket for connection to a base having a top surface and a vertical side surface to support a seat and a back joist adjacent to the seat, the bracket comprising:

a generally horizontal top portion for supporting the seat;

10

a generally horizontal bottom portion for connection to the top surface of the base;

15

first and second generally vertical side portions extending between and connected to said top and bottom portions and supporting said top portion above said bottom portion;

20

first and second intersecting cross members extending between and connected to said top portion and to said first and second generally vertical side portions;

25

an upper back joist support portion connected to said first generally vertical side portion adjacent to said top portion for receiving the back joist and holding the back joist in a generally upstanding position; and

a lower back joist support portion connected to said first generally vertical side portion adjacent to said bottom portion for receiving the back joist and holding the back joist in a generally upstanding position

2. The seating bracket of claim 1 wherein said lower back joist support portion has a downwardly extending portion below said bottom portion for connection with said vertical side surface of the base.

5 3. The seating bracket of claim 1 wherein said generally horizontal top portion includes a hole therein for permitting connecting means to connect the seat to said top portion, said generally horizontal bottom portion includes a hole therein for permitting connecting means to connect said bottom portion to said top surface of the base, and wherein said upper and lower back joist support portions each include a
10 hole for permitting connecting means to connect said support portions to the back joist.

4. The seating bracket of claim 1 wherein the first generally vertical side portion is inclined with respect to vertical and wherein the upper and lower back joist support
15 portions hold the generally upstanding back joist substantially parallel to said first generally vertical side portion.

5. A seating bracket for connection to a base having a top surface and a vertical side surface to support a seat and a generally upstanding back joist adjacent to the
20 seat, the bracket comprising:

a quadrangular portion having a top portion for supporting the seat, a bottom portion for connection to the top surface of the base, and first and second sides extending between said top and said bottom portions, said first side
25 being inclined with respect to vertical;

first and second intersecting cross members extending between and connected to said quadrangular portion;

an upper back joist support portion connected to said first side portion adjacent to said top portion for receiving the back joist; and

a lower back joist support portion connected to said first side portion adjacent to said bottom portion for receiving the back joist.

6. The seating bracket of claim 5 wherein said lower back joist support portion has a downwardly extending portion below said bottom portion for connection with the vertical side surface of the base.

7. The seating bracket of claim 5 wherein said upper and lower back joist support portions hold the back joist substantially parallel to said first side portion.

8. The seating bracket of claim 5 wherein said quadrangular portion, first and second intersecting cross members, upper and lower back joist support portion and downwardly extending portion are a unitary structure.

9. A deck seat for connection to a deck floor having a top surface and a vertical side surface, the deck seat comprising:

a plurality of brackets connected to the deck floor at spaced positions, each bracket comprising:

a quadrangular portion having a top portion for supporting the seat, a bottom portion for connection to the top surface of the deck floor, and first and second sides extending between and connected to said top and said bottom portions, said first side being inclined with respect to vertical;

first and second intersecting cross members extending between and connected to said quadrangular portion;

5 an upper back joist support portion connected to said first side portion adjacent to said top portion for receiving the back joist and holding the back joist substantially parallel to the first side portion;

10 a lower back joist support portion connected to said first side portion adjacent to said bottom portion for receiving the back joist and holding the back joist substantially parallel to the first side portion;

seat plank means supported on said top portion of said quadrangular portions of each bracket and extending therebetween;

15 a plurality of back joists proximate said seat plank means extending through said upper and lower back joist support portions and being supported at its bottom end by a downwardly extending portion below said bottom portion; and

20 back support means connected to and extending between said back joists at a position above said brackets.

25